

CONTENTS

Editorial

- Appropriate utilization and cost control of the hospital laboratory: panel testing and repeat orders
M. Werner (USA)

1

Research communications

- Multi-enzyme reference material from established human cell lines and human sources
Y. Marui, C. Hayashi, Y. Matsuda, S. Matsuura, A. Eto, Y. Ohba, K. Okuda (Japan) 19
- Biotinylation of biotinidase following incubation with biocytin
J. Hymes, K. Fleischhauer, B. Wolf (USA) 39
- The influence of the blood levels of lead, aluminum and vanadium upon the arterial hypertension
V.A. Granadillo, J.E. Tahán, O. Salgado, L.E. Elejalde, B. Rodríguez-Iturbe, G.B. Romero, R.A. Romero (Venezuela) 47
- Role of monocyte/macrophage derived matrix-metalloproteinases (gelatinases) in prolonged skin inflammation
J.L. Maillard, C. Favreau, M. Reboud-Ravaux (France) 61
- Hungarian hereditary acatalasemia and hypocalasemia are not associated with chronic hemolysis
L. Góth, M. Vitai (Hungary) 75
- Dimethylamine in human urine
A.Q. Zhang, S.C. Mitchell, R.L. Smith (UK) 81
- A preliminary report on urinary BT-PABA/PAS excretion index, serum pancreatic isoamylase and faecal chymotrypsin tests of pancreatic dysfunction in Sowetan Africans
C. Chaloner, I. Segal, H. Hassan, J. McIntosh, A. Gut, M. Rahme, J.M. Braganza (UK, South Africa) 89

Short communications

- Estimation of the value of serum β_2 -microglobulin concentration in the diagnosis of Hashimoto's disease
A. Kochańska-Dziurawicz, J.J. Starzewski, W. Dunal (Poland) 101
- Electrolyte balanced heparin may produce a bias in the measurement of ionized calcium concentration in specimens with abnormally low protein concentration
M.E. Lyon, M. Guajardo, T. Laha, S. Malik, P.J. Henderson, M.A. Kenny (USA) 105
- Transient hyperphosphatasemia in infancy associated with an increased urinary hydroxyproline excretion
J.J. Stepan, S. Kutilek, M. Bayer (Czech Republic) 115
- Cholestyramine orally administered to patients with erythropoietic protoporphyria results in urinary excretion of protoporphyrin: to be explained by the Herbst-Volkheimer effect?
G.J.J. Beukeveld, B.G. Wolthers (The Netherlands) 119
- Sialyl salivary-type amylasemia associated with immunoglobulin D-type multiple myeloma
T. Moriyama, T. Tozawa, M. Nobunaka H. Ikeda (Japan) 127

Author index 135

Subject index 137

Notice Board 141

Cumulative Author index Vols. 224-233 (1994) 149

Cumulative Subject index Vols. 224-233 (1994) 173

Cited in: *Biological Abstracts* — *Chemical Abstracts* — *Current Contents/Life Sciences* —
Excerpta Medica — *Index Chemica* — *Index Medicus* — *Clinical Chemistry Lookout* —
Current Clinical Chemistry — *Informedicus* — *PASCAL M* — *Reference Update* —
Current Clinical Cancer

